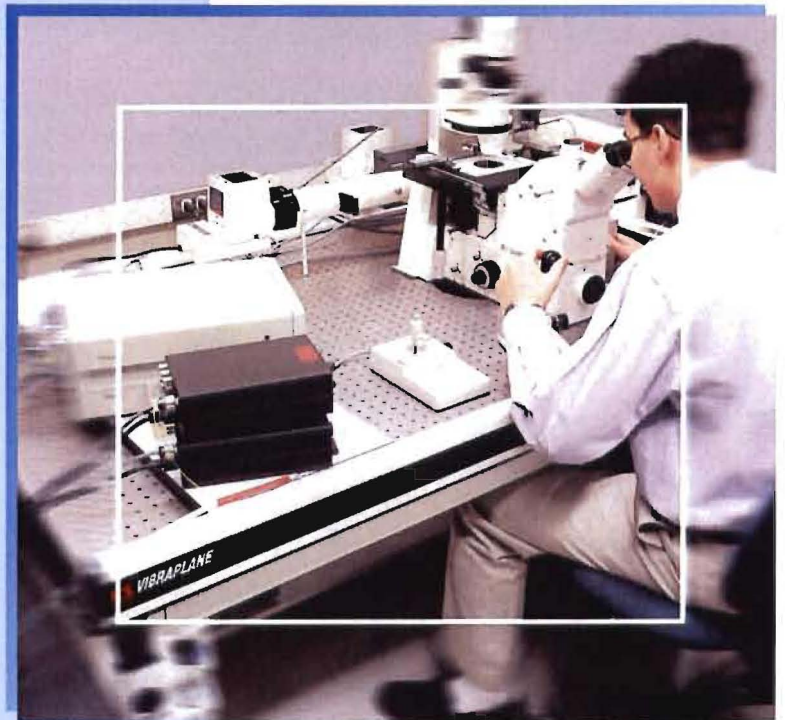


# Vibration Control for Sensitive Equipment



*Vibration Isolation Solutions*



# Vibration Control Workstations and Optical Tables



## 9100 Series

- Vertical and horizontal vibration isolation
- VibraDamped steel frame construction
- Tabletop sizes up to 48" x 72"
- High performance Active-Air suspension
- Maintains a preset zero deflection level (regardless of load addition or removal)
- 2" VibraDamped composite and 2" or 4" honeycomb tops
- Coordinated options available

The 9100 Series LabMate Vibration Isolation Workstation is available in two load capacities of 800 lbs and 1300 lbs. Many coordinated options are available to enhance usability.



## 9200 Series

- Vertical and horizontal vibration isolation
- High performance Active-Air suspension
- Tabletop sizes up to 24" x 35"
- Ergonomic styling
- Automatic leveling
- 1" Thick VibraDamped steel or 4" granite tabletops

The 9200 Series LabMate Personal Vibration Isolation Workstation is ideal for applications where the isolation efficiency of the 9100 Series is required and limited floor space dictates a small footprint.



## 9600 Series

- Class One Cleanroom compatible
- Tabletop sizes up to 36" x 60"
- Cylindrical braces minimize horizontal surfaces
- Completely enclosed isolation module
- High performance Active-Air suspension
- Many accessories available

The 9600 Series LabMate Vibration Isolation Workstations were designed to meet full compliance with the Class One Cleanroom standard. The isolation performance is excellent; the unit is constructed of electropolished stainless steel for ease of wipedown and is welded for maximum rigidity.



## 1200 Series

- Load ranges up to 2800 lbs
- Ultra low vertical natural frequencies
- Isolation efficiencies approaching 99%
- High performance Active-Air suspension
- Suitable for moving loads and higher cg's
- Tabletop sizes up to 48" x 71"
- Automatic leveling and height control

The 1200 Series IsoMate High Capacity Workstation is a proven performer providing a reliable vibration-free work environment for heavier loads. This design has been proven through years of service in a wide variety of applications.



## 2200 Series

- Low profile Passive-Air or Active-Air designs
- VibraDamped construction
- Low natural frequency
- Excellent vertical and horizontal isolation
- Tabletop sizes up to 24" x 36"
- Larger custom sizes available

BenchMate™ Vibration-Free Platforms are designed to enhance the performance of precision equipment used on tabletops.



## 5000 Series

- Four levels of performance available
- Ferromagnetic stainless steel top skin
- Maximum flatness and damping
- Precision formed plated steel honeycomb core
- Tabletop sizes up to 6' x 20'
- Thicknesses to 36"
- SPILLPRUF™ spill management

The 5000 Series Optical Tables offer state-of-the-art damping and performance characteristics. These tables offer excellent stability and are available to match your specific applications' isolation requirements.

**Note:** KSI systems include the patented Kinematic™ horizontal isolation system. All systems are Class 100 Cleanroom compatible - Class 10 available.



# Platforms and Mounts



## ***VIBRALITE™ Breadboards***

- Broadband or enhanced damping
- Sizes up to 4' x 8' - Thicknesses of 1", 2" and 4"
- High natural frequency
- Precision formed aluminum or steel honeycomb core
- SPILLPRUF spill management

Available for OEMs, prototyping, subsystems, and small optical systems.



## ***9300 Series***

- Air suspension vertical isolation
- Pendulum cradle suspension for maximum horizontal isolation
- Excellent damping
- Rigid damped laminated platform
- Automatic leveling
- Ultra-low natural frequency

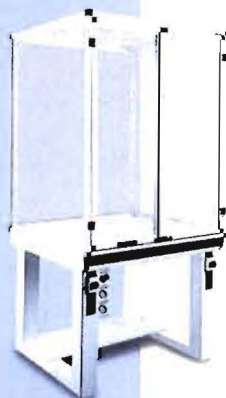
For large equipment, configurations are available for above or below floor installation.



## ***1206 Series***

- Low natural frequency
- Automatic leveling and height control
- Vertical and horizontal isolation
- Internal damping for improved stability
- Gross loads from 200 to 20,000 lbs.

These individual mounts offer flexibility when designing or retrofitting sensitive equipment.



## ***Faraday Cages***

For electrical and magnetic shielding, KSI provides high performance Faraday Cages for field damping. 48" high, high-density 16 mesh copper wire screening, guard rails, side rails, and 3 door options.

## ***Get Complete Details***

Call or send today for complete details on our VIBRAPLANE® Vibration Isolation Workstations and Optical Tables.

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